

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INFORMATION RETRIEVAL, the specification of which:

☒ is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth F. Kozik, Reg. No. 36,572
Denis G. Maloney, Reg. No. 29,670
Paul A. Pysher, Reg. No. 40,780

David L. Feigenbaum, Reg. No. 30,378
Elizabeth Chein Hale, Reg. No. 44,077

Address all telephone calls to KENNETH F. KOZIK at telephone number (617) 542-5070.

Address all correspondence to DENIS G. MALONEY at:

FISH & RICHARDSON P.C.
225 Franklin Street
Boston, MA 02110-2804

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Jane Wen Chang

Inventor's

Signature:

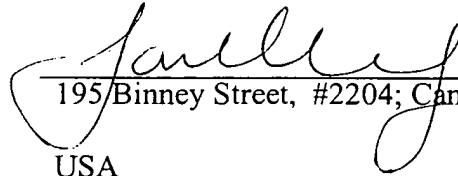
Residence

Address:

Citizenship:

Post Office

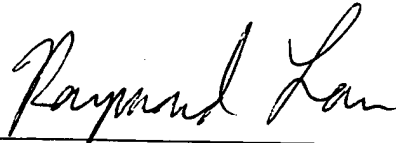
Address:

 Date: 4/26/00
195 Binney Street, #2204; Cambridge, MA 02142
USA

Full Name of
Inventor:

Raymond Lau

Inventor's
Signature:



Date: 04/26/00

Residence
Address:

993 Massachusetts Avenue, #214; Arlington, MA 02476

Citizenship:

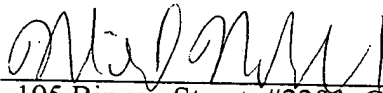
USA

Post Office
Address:

Full Name of
Inventor:

Michael Kyle McCandless

Inventor's
Signature:



Date: 04/26/00

Residence
Address:

195 Binney Street; #2204; Cambridge, MA 02142

Citizenship:

USA

Post Office
Address:

20046036.doc

20046051.doc